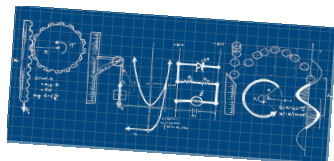


# Welcome to PHYSICS!!!

SECA Physics  
Thursday 12 June 2014



H. Leslie Grebe  
Room C-244



## Opening Question:

Will people in China see the same night stars today as we do?

Sep 7-7:04 AM

## Our 3 Questions

- \* Most periods except test/project times
- \* 3 Questions on the topics of the class
- \* Main source of classwork points
- \* I am happy to give full credit when I have no concerns about someone giving or getting help with the answers.

- Expectations

- Points

- GTKY?

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

## Making a model to visualize relationships

How days work and objects move in the sky

## Body Geography Worksheet

- Document what we just did
- Ready for daily 3 questions

Nov 16-7:37 AM

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Sep 9-7:32 AM

1) In our body geography, what part of the body was the north pole?

HEAD

2) What time of day is it for the person in this picture?

- a) noon
- b) sunset
- c) midnight



3) How long does it take the earth to rotate once?

24 HRS

Jun 11-11:23 AM

# Welcome back...

H. Leslie Grebe



Opening Question:

True or False:

The phases of the moon are caused by the earth's shadow.

① I III  
② II IIII

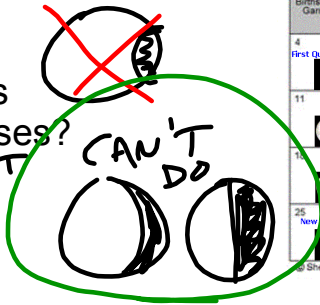
Sep 7-7:04 AM

## Try it out -- make moon phases

Work with the people at your table to **agree** the earth's shadow makes the phases.

Look at a calendar.

- Can you **make** any phases with the circles? All the phases?



January 2009

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Birthstone: Garnet	Flower: Carnation			1	2	3
4 First Quarter	5	6	7	8	9	10 Full Moon
11	12	13	14	15	16	17 Last Quarter
18	19	20	21	22	23	24
25 New Moon	26	27	28	29	30	31

What is it called when the earth's shadow goes across the moon??? **ECLIPSE**

How long does that take? **4 HRS**

What is the moon phase when that starts? Ends?

**FULL → FULL**



<http://www.youtube.com/watch?v=XGOnFDJlw>

<http://www.geekosystem.com/lunar-eclipse-time-lapse-video/>

Re-vote!

Nov 16-7:37 AM

## So what does make the phases???

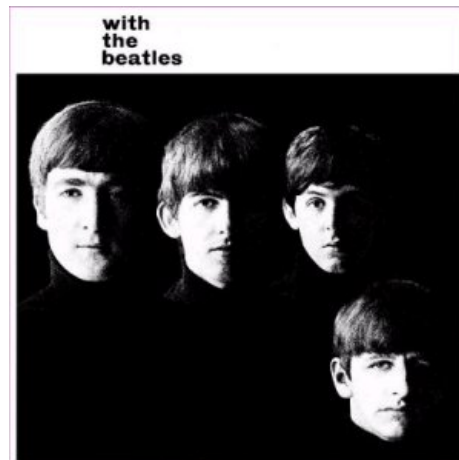


<http://beatlesalbumcovers.net/beatles-album-covers/with-the-beatles-album-cover/>

Let's do a demo. You be the earth. I'll hold the moon. The sun is a really bright building a couple miles that way.

How much of the side facing the sun can we see?

Worksheet on phases!



Apr 23-7:31 AM

### Our 3 Questions




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You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1) Which is a moon phase that you **CAN'T** make with a round earth shadow?

- A. new moon  23
- B. crescent (quarter) moon 
- C. half moon 

2) How long does a lunar **eclipse** take?

- A. a few seconds
- B. a few hours
- C. a few weeks

3) **True or False:**

The phases of the moon are caused by the earth's shadow.

Apr 16-7:13 AM

# Welcome back...

H. Leslie Grebe

\* Pick up:  
-worksheet

Opening Question:

Anyone really hate watching videos in class?

- questions on [scaleofuniverse.com](http://scaleofuniverse.com)



## Cosmic Voyage

Sep 7-7:04 AM